

## E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

### E7.2 Service Descriptions (Cont'd)

#### E7.2.8 High Capacity (*a.k.a. BellSouth SPA High Capacity*) Service (Cont'd)

##### C. Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity (*a.k.a. BellSouth SPA High Capacity*) channel:

CI	Bit Rate
DS-15 <sup>1</sup>	1.544 Mbps (DS1)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in E7.3.1 following.

##### D. Optional Features and Functions

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##### 2. Clear Channel Capability

- Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits, to meet pulse density requirements outlined in TR-NPL-000054 and TA-TSY-000342. This will allow a customer to transport an all zero octet over a DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel, providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in TR-NPL-000054 and TA-TSY-000342.
- CCC is provided on DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channels between two customer designated premises or between a customer-designated premises and a Company Hub location and is subject to the availability of facilities. This optional feature may be ordered at the same time the DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel is ordered, or it may be ordered as an additional feature of an existing channel.
- When providing CCC via a DS3/44.736 Mbps High Capacity (*a.k.a. BellSouth SPA DS3*) channel, that DS3 channel must be designated, in Company records, as having Clear Channel Capability prior to the provisioning of a DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel with CCC. Customers must agree to out-of-service periods required to add this feature to; 1) an existing DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel or 2) a DS3/44.736 Mbps High Capacity (*a.k.a. BellSouth SPA DS3*) channel which transports a DS1/1.544 Mbps High Capacity (*a.k.a. BellSouth SPA DS1*) channel, to be optioned for B8ZS.

##### 3. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access (*a.k.a. BellSouth SPA*) service to either a spare or working channel that terminates in either the same or a different customer premises. A key activated or dial up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

Note 1: A 64.0 kbps channel is available as a channel(s) of a 1.544 mbps facility to a Company Hub.

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PUBLIC SERVICE COMMISSION

JEFF R. DEROUEN  
EXECUTIVE DIRECTOR

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*Brent Kirtley*

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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

## E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

### E7.2 Service Descriptions (Cont'd)

#### E7.2.8 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

##### D. Optional Features and Functions (Cont'd)

##### 6. FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration)

FlexServ® service provides the customer the ability to monitor and reconfigure High Capacity (a.k.a. BellSouth SPA High Capacity) service provided by the Company. FlexServ® service (a.k.a. BellSouth SPA Customer Reconfiguration) is described in E7.4.12 following. Charges for this feature are contained in E7.5.16 following.

The following table shows the technical specifications packages with which the optional features and functions are available.

Available With Technical Specifications Package HC-  
0 1 1C 2 3

##### Channelization:

DS3 to DS1				X
DS2 to DS1			X	
DS1C to DS1		X		
DS1 Basic Channelization System		X		
DS0 Basic Channelization System <sup>1</sup>	X			
Transfer Arrangement		X		
Clear Channel Capability		X		
FlexServ® Service (a.k.a. BellSouth SPA Customer Reconfiguration)	X	X		

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#### E7.2.9 Reserved for Future Use

#### E7.2.10 Reserved for Future Use

#### E7.2.11 Reserved for Future Use

#### E7.2.12 Reserved for Future Use

#### E7.2.13 Channels For Use With SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network)

- A. This tariff section provides for intrastate service components that are for use with a customer's interstate SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) arrangement.
- B. SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) is a managed high capacity shared network service that is offered in BellSouth Telecommunication Inc.'s F.C.C. Tariff No.1. The service is available to customer's that aggregate 337 or greater equivalent DS1s at a location. A DS3 is considered as 28 equivalent DS1s. The service is capable of providing a transport link with high performance and reliability parameters and a level of redundancy/diversity designed to limit a single event from interrupting service. The service is based on fiber facilities configured in ring architectures and is available only in those locations within specified metropolitan areas SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) areas which the Company determines can be incorporated into the SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) network enabling the Company to provide the specified level of performance and reliability. SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) areas are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF, F.C.C. NO. 4. For SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network), the management function provided with the service is such that the Company will control and design the facility assignment, routing and hubbing of services to the customers primary and secondary aggregation locations. The customer may not specify facility routing and selection of services with SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) as they do with regular high capacity (a.k.a. BellSouth SPA High Capacity) services.
- C. Within the wire center serving areas that comprise a SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) area, the customer's high capacity special access (a.k.a. BellSouth SPA) traffic will be collected and managed for delivery to a customer's aggregation location. The traffic will be collected and managed as an On-Net or Off-Net DS1 SMARTGate® service (a.k.a. BellSouth SPA Managed Shared Ring Network) channel, as applicable.

Note 1: Available only on 64.0 Kbps DDAS (a.k.a. BellSouth SPA DS1 Equal Data Service) on a DS1 (1.544 Mbps) channel with Clear Channel Capability to a Company hub.

Material appearing on this page previously appeared on page(s) 22.1 of this section.

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BELLSOUTH  
TELECOMMUNICATIONS  
KENTUCKY  
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BY: Mary Pat Regan, President - KY  
Louisville, Kentucky

ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E  
Twelfth Revised Page 71  
Cancels Eleventh Revised Page 71  
EFFECTIVE: November 12, 2011

**E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**

**E7.5 Rates And Charges (Cont'd)**

**E7.5.8 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)**

C. Optional Features and Functions (Cont'd)

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4. Clear Channel Capability is furnished on a per DS1 service channel basis.

Per DS1/1.544 Mbps High Capacity Channel optioned as:

(a) Superframe Format (SF)	-	-	730.00	CCOSF
(b) Extended Superframe Format (ESF)	-	-	730.00	CCOEF

5. Virtual Collocation to High Capacity (a.k.a. BellSouth SPA High Capacity) Service

	Nonrecurring Charge		Monthly	
	First	Additional	Rate	USOC
(a) Per DS1 Cross-Connect	\$155.00	\$14.00	\$7.50	CNCIX

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